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		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L10	MNTF	4
<input type="checkbox"/>	L9	L8 AND MNTF	0
<input type="checkbox"/>	L8	530/300,350,399.CCLS.	17011
<input type="checkbox"/>	L7	L6 AND MNTF	0
<input type="checkbox"/>	L6	514/2.CCLS.	5928
<input type="checkbox"/>	L5	Chau-R.IN.	21
<input type="checkbox"/>	L4	L3	3
<input type="checkbox"/>	L3	Chau-Ray.IN.	3
<input type="checkbox"/>	L2	Chau-Raymond.IN.	4
<input type="checkbox"/>	L1	(Chau.IN.)	1729

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=> file BIOSCIENCE

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=> S MNTF OR motoneuronotrophic factors
30 FILES SEARCHED...

L1 52 MNTF OR MOTONEURONOTROPHIC FACTORS

=> DUP REM L1

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L2 35 DUP REM L1 (17 DUPLICATES REMOVED)

=> D L2 1-35

L2 ANSWER 1 OF 35 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

AN 2003-17750 BIOTECHDS
TI Promoting the survival, growth, proliferation or maintenance of mammalian neurons by administering ***motoneuronotrophic*** ***factors***, useful for treating musculoskeletal and neurodegenerative disorders and spinal cord injuries;
vector-mediated gene transfer and expression in host cell for nerve fiber regeneration, neural cell production and disease therapy
AU CHAU R M W
PA GENERVON BIOPHARMACEUTICALS LLC
PI WO 2003044175 30 May 2003
AI WO 2002-US37191 19 Nov 2002
PRAI US 2001-989481 20 Nov 2001; US 2001-989481 20 Nov 2001
DT Patent
LA English
OS WPI: 2003-457607 [43]

L2 ANSWER 2 OF 35 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 2
AN 2003:509332 BIOSIS
DN PREV200300510020
TI Motoneuron Trophic Factor (***MNTF***) enhances peripheral nerve regeneration.
AU Ash, D. L. [Reprint Author]; Nussbaum, D. [Reprint Author]; Jabs, E. W. [Reprint Author]; Brushart, T. [Reprint Author]
CS Johns Hopkins Univ., Balto., MD, USA
SO American Journal of Human Genetics, (November 2003) Vol. 73, No. 5, pp. 345. print.
Meeting Info.: 53rd Annual Meeting of the American Society of Human Genetics. Los Angeles, CA, USA. November 04-08, 2003. American Society of Human Genetics.
CODEN: AJHGAG. ISSN: 0002-9297.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 29 Oct 2003
Last Updated on STN: 29 Oct 2003

L2 ANSWER 3 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
AN 2002:505400 CAPLUS
DN 137:73809
TI Methods and therapeutic use of ***motoneuronotrophic*** ***factors***
IN Chau, Raymond Ming Wah
PA Hong Kong
SO U.S. Pat. Appl. Publ., 53 pp., Cont.-in-part of U. S. Ser. No. 592,018.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002086831	A1	20020704	US 2001-989481	20011120
	US 6309877	B1	20011030	US 1997-928862	19970912
	WO 2003044175	A2	20030530	WO 2002-US37191	20021119
	WO 2003044175	A3	20040226		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1996-26792P	P	19960927		
	US 1996-751225	B2	19961115		
	US 1997-928862	A1	19970912		
	US 2000-592018	A2	20000612		
	US 2001-989481	A	20011120		

L2 ANSWER 4 OF 35 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 4
AN 03596697 IFIPAT;IFIUDB;IFICDB
TI POLYNUCLEOTIDES ENCODING ***MOTONEURONOTROPHIC*** ***FACTORS*** ;
NUCLEOTIDE SEQUENCES CODING NERVOUS SYSTEM POLYPEPTIDE; FOR ACTIVATING

AXONAL REGENERATION; FOR TREATMENT OF NERVOUS SYSTEM DISORDERS;
ANTISCARRING AGENT

IN Chau Raymond Ming Wah (CN)
PA KM Biotech Inc (55129)
PI US 6309877 B1 20011030
AI US 1997-928862 19970912
RLI US 1996-751225 19961115 CONTINUATION ABANDONED
PRAI US 1996-26792P 19960927 (Provisional)
FI US 6309877 20011030
DT Utility; REASSIGNED
FS CHEMICAL
GRANTED
MRN 008867 MFN: 0036
CLMN 12
GI 34 Drawing Sheet(s), 36 Figure(s).

L2 ANSWER 5 OF 35 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:122699 SCISEARCH
GA The Genuine Article (R) Number: 396AF
TI Alkene epoxidation with iodosylbenzene catalysed by polyionic manganese porphyrins electrostatically bound to counter-charged supports
AU Sacco H C; Iamamoto Y; Smith J R L (Reprint)
CS UNESP, Inst Quim, Araraquara, Brazil (Reprint); USP, FFCLRP, Dept Quim, Ribeirao Preto, Brazil; Univ York, Dept Chem, York YO10 5DD, N Yorkshire, England
CYA Brazil; England
SO JOURNAL OF THE CHEMICAL SOCIETY-PERKIN TRANSACTIONS 2, (1 FEB 2001) No. 2, pp. 181-190.
Publisher: ROYAL SOC CHEMISTRY, THOMAS GRAHAM HOUSE, SCIENCE PARK, MILTON RD,, CAMBRIDGE CB4 0WF, CAMBS, ENGLAND.
ISSN: 1472-779X.
DT Article; Journal
LA English
REC Reference Count: 47
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 6 OF 35 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1999:581358 PROMT
TITLE: KM Biotech Announces Availability of its Synthesized Novel Motoneuronotrophic Factor (***MNTF***) To Researchers.
SOURCE: PR Newswire, (9 Sep 1999) pp. 4372.
PUBLISHER: PR Newswire Association, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 388
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L2 ANSWER 7 OF 35 CIN COPYRIGHT 2004 ACS on STN
AN 28(39):39157J CIN
TI Preclinical results
SO BioCentury, 13 Sep 1999 (19990913), 7(54, Pt. 2), p. B8-B9. ISSN: 1097-7201; CODEN: BICEFS.
LA English

L2 ANSWER 8 OF 35 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 1998-06326 BIOTECHDS
TI Novel human motoneuronotrophic factor MNTF1-F3 and MNTF1-F6; recombinant protein preparation by vector expression in host cell and monoclonal antibody, used for motoneuron regeneration, disease therapy or diagnosis or wound healing, etc.
AU Chau R M W
PA KM-Biotech
LO Montebello, CA, USA.
PI WO 9813492 2 Apr 1998
AI WO 1997-US17142 22 Sep 1997
PRAI US 1997-928862 12 Sep 1997; US 1996-26792 27 Sep 1996
DT Patent
LA English
OS WPI: 1998-230703 [20]

L2 ANSWER 9 OF 35 CANCERLIT on STN DUPLICATE 6
AN 96304725 CANCERLIT
DN 96304725 PubMed ID: 8732201
TI Animal models of neuropathies.
AU Schmalbruch H; Krarup C

CS Department of Medical Physiology, Panum Institute, University of
Copenhagen, Denmark.
SO BAILLIERES CLINICAL NEUROLOGY, (1996 Mar) 5 (1) 77-105. Ref: 243
Journal code: 9214291. ISSN: 0961-0421.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS MEDLINE; Priority Journals
OS MEDLINE 96304725
EM 199610
ED Entered STN: 19961106
Last Updated on STN: 19961106

L2 ANSWER 10 OF 35 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 7
AN 1995:557291 BIOSIS
DN PREV199698571591
TI Cellular neurotoxicity of trivalent manganese bound to transferrin or
pyrophosphate studied in human neuroblastoma (SH-SY5Y) cell cultures.
AU Suarez, N.; Walum, E. [Reprint author]; Eriksson, H.
CS Pharmacia AB, Biopharmaceuticals, S-112 87 Stockholm, Sweden
SO Toxicology In Vitro, (1995) Vol. 9, No. 5, pp. 717-721.
CODEN: TIVIEQ. ISSN: 0887-2333.
DT Article
LA English
ED Entered STN: 31 Dec 1995
Last Updated on STN: 31 Dec 1995

L2 ANSWER 11 OF 35 IMSDRUGNEWS COPYRIGHT 2004 IMSWORLD on STN

ACCESSION NUMBER: 94:620 IMSDRUGNEWS
TITLE: Update on Cambridge Neuroscience
SOURCE: R&D Focus Drug News (13 Jun 1994).
WORD COUNT: 866

L2 ANSWER 12 OF 35 IMSDRUGNEWS COPYRIGHT 2004 IMSWORLD on STN

ACCESSION NUMBER: 93:150 IMSDRUGNEWS
TITLE: Cambridge Neuroscience Pipeline Update
SOURCE: R&D Focus Drug News (15 Feb 1993).
WORD COUNT: 681

L2 ANSWER 13 OF 35 IMSDRUGNEWS COPYRIGHT 2004 IMSWORLD on STN

ACCESSION NUMBER: 92:467 IMSDRUGNEWS
TITLE: New Growth Factor Proteins from Cambridge Neuroscience
SOURCE: R&D Focus Drug News (8 Jun 1992).
WORD COUNT: 423

L2 ANSWER 14 OF 35 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1993:401606 CAPLUS
DN 119:1606
TI Effect of 22kd and 35kd protein molecules from extract of skeletal muscle
on cultured anterior horn motoneuron of lumbar spine in rat
AU Zhou, Ming Hua; Wu, Xi Yin; Ren, Feng; Zhao, Li Ping; Huang, Wei Quan;
Yang, Zhi Yong; Ren, Lin Sun
CS Dep. Anat., Univ. Hong Kong, Hong Kong
SO Chinese Science Bulletin (1992), 37(20), 1742-6
CODEN: CSBUEF; ISSN: 1001-6538
DT Journal
LA English

L2 ANSWER 15 OF 35 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1993:175954 BIOSIS
DN PREV199344083554
TI Synergetic effect of ***motoneuronotrophic*** ***factors*** (
MNTF) 1 and 2 on survival of axotomized motoneurons of sciatic
nerve.
AU Chau, R. M. W. [Reprint author]; Yu, W. H. A. [Reprint author]; Jen, L.
S.; Ren, F. [Reprint author]
CS Dep. Anatomy, Univ. Hong Kong, Hong Kong
SO Society for Neuroscience Abstracts, (1992) Vol. 18, No. 1-2, pp. 1296.
Meeting Info.: 22nd Annual Meeting of the Society for Neuroscience.
Anaheim, California, USA. October 25-30, 1992.

ISSN: 0190-5295.
DT Conference; (Meeting)
LA English
ED Entered STN: 2 Apr 1993
Last Updated on STN: 2 Apr 1993

L2 ANSWER 16 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAO29914 Protein DGENE
TI Promoting the survival, growth, proliferation or maintenance of mammalian
neurons by administering ***motoneuronotrophic*** ***factors***,
useful for treating musculoskeletal and neurodegenerative disorders and
spinal cord injuries -
IN Chau R M W
PA (GENE-N) GENERVON BIOPHARMACEUTICALS LLC.
PI WO 2003044175 A2 20030530 90p
AI WO 2002-US37191 20021119
PRAI US 2001-989481 20011120
DT Patent
LA English
OS 2003-457607 [43]
CR N-PSDB: AAL60573
DESC Human motoneuronotrophic factor (***MNTF***)1-F6 protein.

L2 ANSWER 17 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAO29913 Protein DGENE
TI Promoting the survival, growth, proliferation or maintenance of mammalian
neurons by administering ***motoneuronotrophic*** ***factors***,
useful for treating musculoskeletal and neurodegenerative disorders and
spinal cord injuries -
IN Chau R M W
PA (GENE-N) GENERVON BIOPHARMACEUTICALS LLC.
PI WO 2003044175 A2 20030530 90p
AI WO 2002-US37191 20021119
PRAI US 2001-989481 20011120
DT Patent
LA English
OS 2003-457607 [43]
CR N-PSDB: AAL60572
DESC Human motoneuronotrophic factor (***MNTF***)1-F3 protein.

L2 ANSWER 18 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW59046 Protein DGENE
TI Motoneurotrophic factor MNTF1-F3 and MNTF1-F6 - useful for motoneuron
regeneration, diagnosing or treating motoneuron disease and to accelerate
wound healing without scar formation
IN Chau R M W
PA (KMBI-N) KM BIOTECH INC.
PI WO 9813492 A2 19980402 78p
AI WO 1997-US17142 19970922
PRAI US 1997-928862 19970912
US 1996-26792 19960927
US 1996-751225 19961115
DT Patent
LA English
OS 1998-230703 [20]
CR N-PSDB: AAV11748
DESC Human MNTF1-F6 protein fragment.

L2 ANSWER 19 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAW59045 Protein DGENE
TI Motoneurotrophic factor MNTF1-F3 and MNTF1-F6 - useful for motoneuron
regeneration, diagnosing or treating motoneuron disease and to accelerate
wound healing without scar formation
IN Chau R M W
PA (KMBI-N) KM BIOTECH INC.
PI WO 9813492 A2 19980402 78p
AI WO 1997-US17142 19970922
PRAI US 1997-928862 19970912
US 1996-26792 19960927
US 1996-751225 19961115
DT Patent
LA English
OS 1998-230703 [20]
CR N-PSDB: AAV11747
DESC Human MNTF1-F3 protein fragment.

L2 ANSWER 20 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAL60573 DNA DGENE
TI Promoting the survival, growth, proliferation or maintenance of mammalian
neurons by administering ***motoneuronotrophic*** ***factors***,
useful for treating musculoskeletal and neurodegenerative disorders and
spinal cord injuries -
IN Chau R M W
PA (GENE-N) GENERVON BIOPHARMACEUTICALS LLC.
PI WO 2003044175 A2 20030530 90p
AI WO 2002-US37191 20021119
PRAI US 2001-989481 20011120
DT Patent
LA English
OS 2003-457607 [43]
CR P-PSDB: AA029914
DESC Human motoneuronotrophic factor (***MNTF***)1-927 DNA.

L2 ANSWER 21 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAL60572 DNA DGENE
TI Promoting the survival, growth, proliferation or maintenance of mammalian
neurons by administering ***motoneuronotrophic*** ***factors***,
useful for treating musculoskeletal and neurodegenerative disorders and
spinal cord injuries -
IN Chau R M W
PA (GENE-N) GENERVON BIOPHARMACEUTICALS LLC.
PI WO 2003044175 A2 20030530 90p
AI WO 2002-US37191 20021119
PRAI US 2001-989481 20011120
DT Patent
LA English
OS 2003-457607 [43]
CR P-PSDB: AA029913
DESC Human motoneuronotrophic factor (***MNTF***)1-1443 DNA.

L2 ANSWER 22 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAV11748 DNA DGENE
TI Motoneurotrophic factor MNTF1-F3 and MNTF1-F6 - useful for motoneuron
regeneration, diagnosing or treating motoneuron disease and to accelerate
wound healing without scar formation
IN Chau R M W
PA (KMBI-N) KM BIOTECH INC.
PI WO 9813492 A2 19980402 78p
AI WO 1997-US17142 19970922
PRAI US 1997-928862 19970912
US 1996-26792 19960927
US 1996-751225 19961115
DT Patent
LA English
OS 1998-230703 [20]
CR P-PSDB: AAW59046
DESC Human ***MNTF*** -1-927 DNA fragment.

L2 ANSWER 23 OF 35 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAV11747 DNA DGENE
TI Motoneurotrophic factor MNTF1-F3 and MNTF1-F6 - useful for motoneuron
regeneration, diagnosing or treating motoneuron disease and to accelerate
wound healing without scar formation
IN Chau R M W
PA (KMBI-N) KM BIOTECH INC.
PI WO 9813492 A2 19980402 78p
AI WO 1997-US17142 19970922
PRAI US 1997-928862 19970912
US 1996-26792 19960927
US 1996-751225 19961115
DT Patent
LA English
OS 1998-230703 [20]
CR P-PSDB: AAW59045
DESC Human ***MNTF*** -1-1443 DNA fragment.

L2 ANSWER 24 OF 35 IMSRESEARCH COPYRIGHT 2004 IMSWORLD on STN

ACCESSION NUMBER: 93:4646 IMSRESEARCH
SOURCE: R&D Focus, (26 Feb 2001)
GENERIC NAME: motoneuron trophic factor; ***MNTF***
STRUCTURE:

STRUCTURE DIAGRAM IS NOT AVAILABLE
CLASSIFICATION: N7X All Other CNS Drugs
HIGHEST DEV. PHASE: Discontinued (2)

COMPANY INFORMATION:

Type	Company	Nationality
Originator	Ludwig Institute for Cancer Research	United States
Licensee	CeNeS	United Kingdom

LICENSING CONTACT:

Mr Phil Hamilton Director of Licensing and Strategic Alliances Cambridge
NeuroScience One Kendall Square Building 700 Cambridge MA 02139 USA Tel: (+1)
617 225 0600 x131 Fax: (+1) 617 225 2741

L2 ANSWER 25 OF 35 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:149398 FEDRIP
NR CRISP 5R01AR44882-07
TI Transcriptional Co-regulators in Epidermis
SF Principal Investigator: ANDERSEN, BOGI; BOGI@UCI.EDU, UNIV OF
CALIFORNIA-IRVINE, MEDICAL SCIENCE I, C-240
CSP UNIVERSITY OF CALIFORNIA IRVINE, IRVINE, CALIFORNIA
CSS Supported By: NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN
DISEASES
DB 2008 (/01/98)
FYR 2003
DE 2007 (/31/07)
FU Noncompeting Continuation (Type 5)
FS National Institutes of Health

L2 ANSWER 26 OF 35 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:48873 FEDRIP
NR VA 156802
NC 0012, 516
TI Preliminary Evaluation of Anti-Scarring Effects of Human Motor Neuron
Trophic Factor (***MNTE***)
SF Principal Investigator: Payne, Wyatt G., M.D.
CSP Department of Veterans Affairs, Medical Center, Bay Pines, FL
CSS Supported By: Department of Veterans Affairs. Research and Development
(15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of
America
DB Dec 11, 2003
FS Department of Veterans Affairs

L2 ANSWER 27 OF 35 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD084672 GenBank (R)
GenBank ACC. NO. (GBN): BD084672
GenBank VERSION (VER): BD084672.1 GI:22630282
CAS REGISTRY NO. (RN): 451418-14-7
SEQUENCE LENGTH (SQL): 99
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 27 Aug 2002
DEFINITION (DEF): Isolation and use of ***motoneuronotrophic***
factors

SOURCE: unidentified.
ORGANISM (ORGN): unidentified
unclassified

NUCLEIC ACID COUNT (NA): 24 a 18 c 29 g 28 t

COMMENT:

OS Unidentified
PN JP 2001523942-A/3
PD 27-NOV-2001
PF 22-SEP-1997 JP 1998515870
PR 27-SEP-1996 US 60/026792,15-NOV-1996 US 08/751225 PR
12-SEP-1997 US 08/928862
PI RAYMOND M W CHAU
PC C12N15/12,C12N15/11,C07K14/47,C07K16/18,C12N15/70,A61K38/17 CC
Strandedness: Single;
CC Topology: Linear;
CC Isolation and use of ***motoneuronotrophic*** ***factors***

FH Key
 Location/Qualifiers
 FT source 1..99
 FT /organism='Unidentified'.
 REFERENCE: 1 (bases 1 to 99)
 AUTHOR (AU): Chau,R.M.W.
 TITLE (TI): Isolation and use of ***motoneuronotrophic***
 factors
 JOURNAL (SO): Patent: JP 2001523942-A 3 27-NOV-2001; KM BIOTECH INC

FEATURES (FEAT):
 Feature Key Location Qualifier
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 source 1..99 /organism="unidentified"
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SEQUENCE (SEQ):
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L2 ANSWER 28 OF 35 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD084671 GenBank (R)
 GenBank ACC. NO. (GBN): BD084671
 GenBank VERSION (VER): BD084671.1 GI:22630281
 CAS REGISTRY NO. (RN): 451418-13-6
 SEQUENCE LENGTH (SQL): 927
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 27 Aug 2002
 DEFINITION (DEF): Isolation and use of ***motoneuronotrophic***
 factors

SOURCE: unidentified.
 ORGANISM (ORGN): unidentified
 unclassified

NUCLEIC ACID COUNT (NA): 313 a 207 c 151 g 256 t

COMMENT:

OS Unidentified
 PN JP 2001523942-A/2
 PD 27-NOV-2001
 PF 22-SEP-1997 JP 1998515870
 PR 27-SEP-1996 US 60/026792,15-NOV-1996 US 08/751225 PR
 12-SEP-1997 US 08/928862
 PI RAYMOND M W CHAU
 PC C12N15/12,C12N15/11,C07K14/47,C07K16/18,C12N15/70,A61K38/17 CC
 strandedness: Single;
 CC Topology: Linear;
 CC Isolation and use of ***motoneuronotrophic*** ***factors***

FH Key
 Location/Qualifiers
 FT source 1..927
 FT /organism='Unidentified'.
 REFERENCE: 1 (bases 1 to 927)
 AUTHOR (AU): Chau,R.M.W.
 TITLE (TI): Isolation and use of ***motoneuronotrophic***
 factors
 JOURNAL (SO): Patent: JP 2001523942-A 2 27-NOV-2001; KM BIOTECH INC

FEATURES (FEAT):
 Feature Key Location Qualifier
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 source 1..927 /organism="unidentified"
 /db-xref="taxon:32644"

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 121 tattaatagc agcctcccat acacactttt gacacccttc cctaaaggat taatatgctc
 181 caaccttctt gtccacacag ttcatgtggt ctccctaccc tcaccatgat cggatgaaaa
 241 aaaataaggt ttacacagctt aagagtggaaa ttctgggaatc caactacaag ctcataactg
 301 tagcatggaa cctggttagta gcataataaa taaattttta gtaagagggt taagaaattt
 361 tagcaaaaaa agcactccct ttcttctccc ctacatatct catatgtttt tcaacacaaa
 421 aaattctgtg atttttagaga aacttcttac agtactttta agttcaaaac cagatgctca
 481 ttacagttct tttaaacacc aaactagtca tctcaaaaat atggctaact ctctggacta
 541 aattccatag gaaaaattat taatttcaaa atgcctaatt tttgatcaat gctgaagagc
 601 caagcaatca tgccttgctt ctcaactcagg gcagagttct caggtcagaa gctccggagt

661 ctgtcagaga ttaaaatatt atctcaacaa ttcacaagct acttctaagt gttaccctaa
 721 attagtcact aatcgtttct cccccaactc tatttcacaa attaaagttt acagaattga
 781 caaaaaccaa accaatgaaa caaccaggc tatttgcagg gggggggaaa gagatacccc
 841 aaaagtcaac cctatttaca cgtagttaaa agagtgatcc aacagatatt accctccata
 901 aagtacctaa aggcaggagc cggaatt

L2 ANSWER 29 OF 35 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): BD084670 GenBank (R)
 GenBank ACC. NO. (GBN): BD084670
 GenBank VERSION (VER): BD084670.1 GI:22630280
 CAS REGISTRY NO. (RN): 451418-12-5
 SEQUENCE LENGTH (SQL): 1443
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 27 Aug 2002
 DEFINITION (DEF): Isolation and use of ***motoneuronotrophic***
 factors

SOURCE: unidentified.
 ORGANISM (ORGN): unidentified
 unclassified

NUCLEIC ACID COUNT (NA): 339 a 380 c 385 g 339 t

COMMENT:

OS Unidentified
 PN JP 2001523942-A/1
 PD 27-NOV-2001
 PF 22-SEP-1997 JP 1998515870
 PR 27-SEP-1996 US 60/026792,15-NOV-1996 US 08/751225 PR
 12-SEP-1997 US 08/928862
 PI RAYMOND M W CHAU
 PC C12N15/12,C12N15/11,C07K14/47,C07K16/18,C12N15/70,A61K38/17 CC
 Strandedness: Single;
 CC Topology: Linear;
 CC Isolation and use of ***motoneuronotrophic*** ***factors***
 FH Key

Location/Qualifiers

FT source 1..1443
 FT /organism='Unidentified'.

REFERENCE: 1 (bases 1 to 1443)

AUTHOR (AU): Chau,R.M.W.
 TITLE (TI): Isolation and use of ***motoneuronotrophic***
 factors

JOURNAL (SO): Patent: JP 2001523942-A 1 27-NOV-2001; KM BIOTECH INC

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1443	/organism="unidentified" /db-xref="taxon:32644"

SEQUENCE (SEQ):

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 121 gacacctttg gtgacattaa ttaccaagaa ttgtctaaaa gactctgggg tgacatctac
 181 ttcaacccta agacgcgaaa gttcaccaaa aaggcccaaa ctgacagctc ccagagaagt
 241 ttcgtggagt ttatcttgga gcctctttat aagatcctcg cccagggtgt aggtgacgtg
 301 gacaccagcc tcccacggac cctagacgag cttggcatcc acctgacgaa ggaggagctg
 361 aagctgaaca tccgccccctt gctcaggctg gtctgcaaaa agttcttttg cgagttcaca
 421 ggctttgtgg acatgtgtgt gcagcatatc ccttctccaa aggtgggctg caagcccaag
 481 attgagcaca cctacaccgg tgggtgtggc tccgacctcg gcgaagctat gactgactgt
 541 gacctgtatg gccccctgat gtgccacact actaagatgt tcagcacaca tgatggagtc
 601 cagtttcacc cctttggccg ggtgctgagt ggcaccattc atgctgggca gcctgtgaag
 661 gttctggggg agaactacac cctggaggat gaggaagact cccaatttg ccccggtggc
 721 cgcttttga tctctgtggc cagctaccac atcgaggtga accgtgttcc tgctggcaac
 781 tgggttctga ttgaaggtgt tgatcaacca attgtgaaga cagcaaccat aaccgaacc
 841 cgaggcaagt aggaggctca gattttccga ccttgaagt tcaataccac atctgttatc
 901 aagattgtct tggagctcag caacccctca gagctgcca agatgcttga tggcctgctg
 961 aaggtaacca agagctatcc atccctcacc accaaggtgg aggagctctg cgagcatgtg
 1021 atcctgggca ctggggagct ctacctggac tgtgtgatgc atgatttgcg gaagatgtac
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 1141 acatctctcc tcaagtgtct tgctgaaacg cctaataaga agaacaagat caccatgatt
 1201 gctgagcctc ttgagaaggg cctggcagag gacatagaga atgaggtggg ccagattacg
 1261 tggaaacaga agaagcttgg agagttcttc cagaccaagt acgattggga tctgctggct
 1321 gcccgttcca tctgggcttt tggccctgat gcgactggcc ccaacattct ggtggatgat
 1381 actctgccct ctgagggtga caaggctctt cttgggttcag tgaaggacag catcgttcaa
 1441 ggt

LOCUS (LOC): AR175908 GenBank (R)
 GenBank ACC. NO. (GBN): AR175908
 GenBank VERSION (VER): AR175908.1 GI:17917207
 CAS REGISTRY NO. (RN): 376985-68-1
 SEQUENCE LENGTH (SQL): 99
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 17 Dec 2001
 DEFINITION (DEF): Sequence 5 from patent US 6309877.
 SOURCE: Unknown.
 ORGANISM (ORGN): Unknown.
 NUCLEIC ACID COUNT (NA): 24 a 18 c 29 g 28 t
 REFERENCE: 1 (bases 1 to 99)
 AUTHOR (AU): Chau,R.Ming.Wah.
 TITLE (TI): Polynucleotides encoding ***motoneuronotrophic***
 factors
 JOURNAL (SO): Patent: US 6309877-A 5 30-OCT-2001;

Feature Key	Location	Qualifier
source	1..99	/organism="unknown"

SEQUENCE (SEQ):
 1 ttggggacat ttgggggtga cacactgaac tgctggatgc tatcagcatt tagtaggtat
 61 gctcgatgtc ttgcagaagg acatgatggt cctacacag

LOCUS (LOC): AR175907 GenBank (R)
 GenBank ACC. NO. (GBN): AR175907
 GenBank VERSION (VER): AR175907.1 GI:17917206
 CAS REGISTRY NO. (RN): 376985-67-0
 SEQUENCE LENGTH (SQL): 927
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 17 Dec 2001
 DEFINITION (DEF): Sequence 2 from patent US 6309877.
 SOURCE: Unknown.
 ORGANISM (ORGN): Unknown.
 NUCLEIC ACID COUNT (NA): 313 a 207 c 151 g 256 t
 REFERENCE: 1 (bases 1 to 927)
 AUTHOR (AU): Chau,R.Ming.Wah.
 TITLE (TI): Polynucleotides encoding ***motoneuronotrophic***
 factors
 JOURNAL (SO): Patent: US 6309877-A 2 30-OCT-2001;

Feature Key	Location	Qualifier
source	1..927	/organism="unknown"

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 121 tattaatagc agcctcccat acacactttt gacacccttc cctaaaggat taatatgctc
 181 caaccttcct gtccccacag ttcagtggct ctccctaccc tcaccatgat cggatgaaaa
 241 aaaataaggt ttcacagctt aagagtgaat ttctggaatc caactacaag ctcataactg
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 421 aaattctgtg attttagaga aaacttcttac agtactttta agttcaaaac cagatgtc
 481 ttacagtgtt tttaaacacc aaactagtca tctcaaaaat atgggtaact ctctggacta
 541 aattccatag gaaaaattat taatttcaaa atgcctaatt tttgatcaat gctgaagagc
 601 caagcaatca tgtcctgctt ctcaactcagg gcagagttct caggtcagaa gctccggagt
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 781 aaaaaaccaa accaatgaaa caaccaggc tatttgcagg gggggggaaa gagatacccc
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LOCUS (LOC): AR175906 GenBank (R)
 GenBank ACC. NO. (GBN): AR175906
 GenBank VERSION (VER): AR175906.1 GI:17917205
 CAS REGISTRY NO. (RN): 376985-66-9
 SEQUENCE LENGTH (SQL): 1443
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 17 Dec 2001
 DEFINITION (DEF): Sequence 1 from patent US 6309877.
 SOURCE: Unknown.
 ORGANISM (ORGN): Unknown.
 NUCLEIC ACID COUNT (NA): 339 a 380 c 385 g 339 t
 REFERENCE: 1 (bases 1 to 1443)
 AUTHOR (AU): Chau,R.Ming.Wah.
 TITLE (TI): Polynucleotides encoding ***motoneuronotrophic***
 JOURNAL (SO): Patent: US 6309877-A 1 30-OCT-2001;

Feature Key	Location	qualifier
source	1..1443	/organism="unknown"

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```

L2 ANSWER 33 OF 35 KOSMET COPYRIGHT 2004 IFSCC on STN
 AN 21062 KOSMET FS scientific, technical
 TI AN IN VITRO MODEL FOR THE ASSESSMENT OF MANGANESE NEUROTOXICITY
 AU VETTORI M V (DEPARTMENT OF CLINICAL MEDICINE, NEPHROLOGY & HEALTH SCIENCES, UNIVERSITY OF PARMA MEDICAL SCHOOL, ITALY); GATTI R; ORLANDINI G; BELLETTI S; ALINOV I R; SMARGIASSI A; MUTTI A
 SO TOX IN VITRO, 1999, 13(6), 931-938, 33 REFS
 DT Journal
 LA English

L2 ANSWER 34 OF 35 KOSMET COPYRIGHT 2004 IFSCC on STN
 AN 13290 KOSMET FS scientific, technical
 TI CELLULAR NEUROTOXICITY OF IVALENT MANGANESE BOUND TO ANSFERIN OR PYROPHOSPHATE STUDIED IN HUMAN NEUROBLASTOMA (SH-SY5Y) CELL CULTURES TR
 AU SUAREZ N (DEPARTMENT OF NEUROCHEMISTRY AND NEUROTOXICOLOGY, STOCKHOLM UNIVERSITY, S-106 91 STOCKHOLM, SWEDEN); WALUM E; ERIKSSON H
 SO TOXICOL IN VITRO, 1995, 9(5), 717-721, 29 REFS
 DT Journal
 LA English

L2 ANSWER 35 OF 35 PHAR COPYRIGHT 2004 PJB on STN
 AN 5974 PHAR
 DN 016584
 CN motoneurone trophic factor

CN ***MNTF*** , Cambridge NeuroScience
STA Ceased

CO
Type |Company Name (Country) |Development Status

=====+=====+=====

Originator	CeNeS (United Kingdom)	No Development Reported
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SO Pharmaprojects. PJB Publications Ltd., Richmond, Surrey, UK
TX Cambridge NeuroScience (now CeNeS), in collaboration with a leading academic institute in the UK, was investigating a motoneurone trophic factor (***MNTF***) as part of the company's programme for therapies for chronic neurological disorders (Company communication, Feb 1993). Cambridge NeuroScience was purifying this factor from a number of sources and considered this factor to be a likely candidate for development as a therapeutic for use in the treatment of peripheral neurodegenerative diseases such as amyotrophic lateral sclerosis or Lou Gehrig's disease and other motor neuropathies (Company communication, Feb 1991). Updated by AK on 10/2/93.

DSTA World: No Development Reported
United Kingdom: Preclinical
United States: Preclinical

CC N7C Neuroprotective

ORGM BI-P (Biological, protein)

RDAT 19930212 RNTE ##Estimated; No Development Reported
19910415 ##Estimated; New Product

PHCD GF-NE-AG; Nerve growth factor agonist; Physiological, Hormonal, Nerve growth factor agonist; P-H-GF-NE-AG.

PHCD P; P-AG; P-H; P-H-AG; P-H-GF; P-H-GF-AG; P-H-GF-NE; P-H-GF-NE-AG; H; H-AG; H-GF; H-GF-AG; H-GF-NE; H-GF-NE-AG; GF; GF-AG; GF-NE; GF-NE-AG; NE; NE-AG.

LN
Therapy (CC)|Pharmacology (PHCD) |Status (DSTC)

=====+=====+=====

N7C	GF-NE-AG	N
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LCDAT 20010104: DP : Cambridge NeuroScience acquired by CeNeS
STN INTERNATIONAL LOGOFF AT 09:01:07 ON 29 MAR 2004